

ABSTRACT OF THE DISCLOSURE

A control system having an input and an output module connected to a communication bus or network. The input module is responsive to a signal that represents a condition. In response to the condition, the input module transmits the representative signal onto the communication bus. The output module includes a
5 reflex function. The reflex function converts the representative signal into a state signal. The output module is capable of transmitting the state signal onto the communication bus.